SEQUENCE LISTING

<110> REYNOLDS, ERIC CHARLES
DASHPER, STUART GEOFFREY
PAOLINI, RITA ANN

<120> ANTIMICROBIAL COMPOSITION

<130> FREE-004

<140> US 10/596,623
<141> 2004-12-15

<150> PCT/AU2004/001764
<151> 2004-12-15

<150> AU2003907002
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<221> PHOSPHORYLATION
<222> (12)...(12)

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Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile
1 5 10 15
Glu Ser Pro Pro Glu
20

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<221> PHOSPHORYLATION
<222> (12)...(12)

<400> 2
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile
1 5 10 15
Glu Ser Pro Pro Glu
20

<210> 3
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<212> PRT
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<220>
<223> Antimicrobial Peptide

<221> PHOSPHORYLATION
<222> (44)...(44)

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Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr
 1   5   10   15
Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Ile Glu
            20   25   30
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile
        35   40   45
Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val
    50   55   60

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<220>
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<221> PHOSPHORYLATION
<222> (22)...(22)

<221> PHOSPHORYLATION
<222> (44)...(44)

<400> 4
Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr
 1   5   10   15
Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Ile Glu
            20   25   30
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile
        35   40   45
Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val
    50   55   60

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<221> PHOSPHORYLATION
<222> (44)...(44)

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Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr
 1   5   10   15
Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Thr Glu
            20   25   30
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile
        35   40   45

Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val
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<221> PHOSPHORYLATION
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<221> PHOSPHORYLATION
<222> (44)...(44)

<400> 6
Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr
 1   5   10   15
Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Thr Glu
            20   25   30
Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile
        35   40   45
Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val
    50   55   60

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<221> PHOSPHORYLATION
<222> (33)...(33)

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Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
 1   5   10   15
Thr Pro Thr Ile Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala
            20   25   30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
        35   40   45
Thr Ser Thr Ala Val
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<221> PHOSPHORYLATION
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<221> PHOSPHORYLATION

<222> (33)...(33)

<400> 8
Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
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Thr Pro Thr Ile Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala
            20   25   30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
        35   40   45
Thr Ser Thr Ala Val
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<221> PHOSPHORYLATION
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<400> 9
Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
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Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp
            20   25   30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
        35   40   45
Thr Ser Thr Ala Val
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<221> PHOSPHORYLATION
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<221> PHOSPHORYLATION
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<400> 10
Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
 1   5   10   15
Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp
            20   25   30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
        35   40   45
Thr Ser Thr Ala Val
    50